

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (currently amended) An apparatus for superplastic forming an article and performing a secondary operation on the article in-situ, the apparatus comprising:

a die having a cavity, the cavity having a forming surface of a predetermined shape;

a closure disposed opposite the cavity, the closure sealing the cavity;

a source of pressurized gas being supplied to the closure to exert force against an exterior surface of a sheet located between the cavity and closure ~~into contact with the cavity~~ to form a portion of the sheet against ~~into~~ the forming surface; and

a tool movably connected to the apparatus and configured to perform a secondary operation on the sheet;

wherein the tool is advanced to perform the secondary operation while the sheet is held in compression between the cavity and closure and in contact with the forming surface.

2. (original) The apparatus of claim 1 further comprising an aperture adapted to receive the tool.

3. (original) The apparatus of claim 2 wherein the aperture is disposed in the die.

4. (original) The apparatus of claim 3 wherein at least part of the aperture is disposed in the cavity.

5. (original) The apparatus of claim 3 wherein the aperture is disposed outside the cavity.

6. (original) The apparatus of claim 2 wherein the aperture is disposed in the closure.

7. (original) The apparatus of claim 6 wherein the aperture is disposed outside a second cavity in the closure.

8. (original) The apparatus of claim 1 wherein the tool is disposed adjacent to a perimeter of the die.

9. (original) The apparatus of claim 1 wherein the tool is disposed adjacent to a perimeter of the closure.

10. (currently amended) An apparatus for shaping an article made from a metal sheet and performing a secondary operation on the article in-situ, the apparatus comprising:
a first die member having a first cavity defining a predetermined shape and an aperture;
a tool disposed in the aperture and slidably engageable with the article;
a source of pressurized gas; and
a second die member having an inlet for providing pressurized gas into a second cavity disposed between the second die member and an exterior surface of the sheet to force the metal sheet against the first cavity to shape the article;
wherein the tool is advanced to perform a secondary operation on the article after the article is shaped and before the article is removed from the first cavity.

11. (currently amended) The apparatus of claim 10 wherein at least part of the aperture and the tool are disposed in the first cavity.

12. (currently amended) The apparatus of claim 10 wherein the aperture and the tool are disposed outside the first cavity.

13. (original) The apparatus of claim 10 wherein the secondary operation is a cutting operation and the tool is a cutting tool.

14. (original) The apparatus of claim 10 wherein the secondary operation is a flanging operation and the tool is a flanging tool.

15. (original) The apparatus of claim 10 wherein the secondary operation is a restrike operation and the tool is a restrike tool.

16. (original) The apparatus of claim 10 further comprising an indentation in the second die member for receiving the tool when the tool is advanced.

17. (original) A method for making an article with a superplastic forming apparatus, the method comprising:

- securing a metal sheet between a die defining a cavity and a closure;
- superplastic forming a portion of the metal sheet into a predetermined shape corresponding to the cavity in the die;
- advancing a tool to engage the article and perform a secondary operation on the article when the article is secured between the die and the closure;
- retracting the tool;
- moving the die and the closure apart; and
- removing the article from the die.

18. (original) The method of claim 17 wherein the step of advancing the tool to engage the article occurs while a portion of the sheet is being superplastic formed.

19. (original) The method of claim 17 wherein the step of advancing the tool to engage the article includes providing a pressurized gas to force the metal sheet against the tool and keeping the tool advanced until the metal sheet retains a shape imparted by the tool.

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20. (original) The method of claim 17 wherein the step of retracting the tool occurs after the die and closure are moved apart.